Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 29 Sep 2023 until 23:59 on Saturday 30 Sep 2023

Forecast Issued on Thursday 28 Sep 2023 at 14:21

Confidence: High confidence in a largely fine day on Friday, moderate in arrival time of low cloud and rain on Saturday. Low confidence in low cloud and precipitation details on Sunday and Monday.

Headline for Friday 29 Sep 2023: Largely dry with sunny spells.

Mountain weather hazards on Friday 29 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
80%	20%	10%	10%	10%	10%	<05%	10%

Forecast for Friday 29 Sep 2023

Weather: Cloud may cover some hills at first but this will quickly lift, with a mixture of sunny spells and cloud for the rest of the day. The odd isolated shower is possible but most places will remain dry.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Patchy low cloud is likely with base around 400-500m for a time in the morning, but this will quickly lift clear of all hills by midday. Very poor visibility in early low cloud covering hills, otherwise very good throughout the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 29 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 SW	17/23 W	18/25 W	22/30 W	25/34 W	22/30 W	15/23 W	14/21 SW	12/18 SW
300	8/13 SE	13/19 W	13/20 W	17/24 W	20/29 W	17/25 W	10/18 W	10/18 SW	9/16 SW
Valley	6/13 SE	9/18 W	8/18 W	12/23 W	16/30 W	15/29 W	8/19 W	6/16 SW	5/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	9/5	9/5	11/7	11/7	10/7	9/6	8/5
300	13/12	12/10	11/8	11/8	14/10	14/11	12/11	11/9	10/8
Valley	13/12	12/11	11/10	12/10	14/12	15/12	13/11	12/10	11/10
Freezing Level*	2800m	2200m	1600m	1700m	1700m	1900m	1800m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 28 Sep 2023	0mm	0mm	0.2mm

Forecast for Saturday 30 Sep 2023

Weather: Largely fine during the morning, with some hazy sunshine possible through high cloud. Cloud will thicken and lower into the afternoon, with spells of heavy rain possible, clearing towards midnight.

Maximum wind: Southerly 10-15mph gusting 20-25mph, increasing overnight to 20mph gusting 35mph.

Chance of cloud-free hill tops above 600m: 90% becoming 30%

Low cloud and visibility: Good visibility in most places during the morning, with high cloud well above the summits. This will gradually lower during the afternoon, becoming extensive above 400-500m during the evening. Visibility will be moderate or poor in any heavier rain, and very poor where cloud covers hills.

Temperature: **Valleys:** Plus 13 Celsius
At 600m: Plus 10 Celsius
Freezing level: Above the summits

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